First/Part/Final Original/Duplicate/Triplicate AEE/PSD/DZ/SBR/03/2017-18 dt 28/6/17

CONTRACT CERTIFICATE

(For other words)

No.....

Date: .....

Division :DASARAHALLI DIVISION

Bill received No .....Dated..... Sub division:..... Book voucher No.....

Dated.....Scheduled Docket No..... Head of Account.....

Name of work (as per Sanctioned Estimate) **Providing Fencing to Balance Portion of Mallasandra Quarry Sy No:33, in Ward No.13, Mallasandra, Project Sub Division, Dasarahalli Zone..**

Name of contractor and full address:

Reference to Agreement No. EE/PD/DZ/WO/ /2016-17, Dated:

Certified that the measurements were taken by me on 28/6/17 .....and recorded in pages 66316, to 66841/2

Measurements Book No 669/16-17 . And that the work is satisfaction executed.

Contractor.

Officer-in-charge of work.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Certified that the measurements were taken by me on 28/6/17 .....and found correct. The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of payment **Work Code No.** _____ Sub-Division Officer

Asst. Executive Engineer Project Sub Division-I Dasarahalli Zone, Bruhat Bengaluru Mahanagara Palike

		AMOUNT	
1	Total value of work done or Supplies made as per account.		
2	Deduct amount to be held in reserve being .....percent Rs.....		
3	Deduct amount to be held in reserve being balance		
4	Deduct payments:		
	a) Amount of previous payment as in the office cash book voucher No.....Dated.....S.D.No..... Amount adjusted towards cash advance recovery of		
	b) Payment cost store or other materials supplied.		
5	Balance being unpaid value of work done held in reserve **Total**.....		
6	Deduct cash advance made on the office cash book vehicle No..... Dated.....less adjustments.		
7	Net amount due to or from contractor unadjusted items		
	Advance to contractor for materials brought to site (as detailed)		
8	Within value of Government materials supplied.		
	Total amount adjusted:		

----------- Contractor signature.

Received Rs.....(In words).....

.....

By cash and by adjustment of Payment as per memorandum. (for use in the office)

(In final settlement of all demand)

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Witness:

1.

2.

Date:

Paid by me by cheque No.....Dated.....

Cash Rs.....dated.....

Initials of officer making payment dated.....

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Contractor Signature.

First/Part/Final

Executive Engineer.

Sl No	Description of Items	Unit
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods Complete as per specifications.	Cum
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications.	Cum
3	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, scaffolding, curing Complete as per specifications.	Cum
4	Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing Complete as per specifications.	Cum
5	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications.	Cum
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications.	Sqm
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications.	Tonne
8	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well Oompacted by vibrating, curing, for raft foundation column footing, main and secondary beams with all lead and lifts etc., Complete as per specifications.	Cum
9	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications.	Cum
10	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Complete as per specifications.	Rmt

Previous Measurement			Present Measurement			Total Up-to-Date		Remarks
Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost	
			822.06 811.00	204.16	167831.77	822.06 811.00	167831.77	
			119.27	5236.92	624607.45	119.27	624607.45	
			704.29	5159.16	3633544.80	704.29	3633544.80	
			223.46	4905.36	1096151.75	223.46	1096151.75	
			40.03 40.00	5991.84	239853.36	40.03	239853.36	
			1064.49	306.72	326500.37	1064.49	326500.37	
			14.28	60021.00	857099.88	14.28	857099.88	
			176.93	6332.04	1120327.84	176.93	1120327.84	
			246.62	129.60	31961.95	246.62	31961.95	
			590.00	991.44	584949.60	590.00	584949.60	

11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy gua'ge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. Complete as per specifications.	Rmt
12	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer in charge of work including two coats of approved quality paint over one coat of shop paint Complete as per specifications.	Sqm
13	Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing Complete as per specifications.	Sqm
14	Providing and fixing RCC name board of size 1,35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work. Complete as per specifications.	Each
15	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications.	Sqm
16	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications.	Sqm
17	Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, Complete as per specifications.	Sqm
18	Providing and fabricating M S Grils os as per approved drawing & Complete as per specifications.	Sqm
19	G.l. Barbed Wire Fencing 1.8 Metre High:-Providing and fixing 1.8 metres high Gl barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M-15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be I strutted on both sides and end post on one side only and provided with I 12 horizontal lines and 2 diagonals interwoven with horizontal wires, I fixed with Gl staples, turn buckles etc complete as per clause 800.7 as I per specifications. (Excluding the cost of excavation for foundation and | foundation concrete) Complete as per specifications.	M

CERTIFICATE

1 Certified that Contractor has done the Work Satisfactorly.

2 Certified that Contractor has removed all debries from work spot.

3 There is no due from contractor side.

Rani. N.I.C.
- AE Project

			600.00	338.04	202824.00	600.00	202824.00	
			380.00	697.68	265118.40	380.00	265118.40	
			90.00	145.80	13122.00	90.00	13122.00	
			1.00	5184.00	5184.00	1.00	5184.00	
			256.00	743.04	190218.24	256.00	190218.24	
			737.02	184.68	136112.85	737.02	136112.85	
			737.02	8.64	6367.85	737.02	6367.85	
			690.00	12475.00	8607750.00	690.00	8607750.00	
			555.00	402.84	223576.20	555.00	223576.20	
				TOTAL Rs.	18333102.30		18333102.30	
				KRIDL Charges (8%)	1466648.18		1466648.18	
				GRAND TOTAL Rs.	19799750.49		19799750.49	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bangaluru Mahanagara Palike

First/Part/Final Original/Duplicate/Triplicate AEE/PSD/DZ/SBR/03/2017-18 D/28/6/17

CONTRACT CERTIFICATE

(For other words)

No…….. Date: ……..

Division :DASARAHALLI DIVISION

Bill received No ……..Dated……..... Sub division:…….. Book voucher No……..

Dated……..Scheduled Docket No……..... Head of Account……..

Name of work (as per Sanctioned Estimate) **Providing Fencing to Balance Portion of Mallasandra Quarry Sy No:33, in Ward No.13, Mallasandra, Project Sub Division, Dasarahalli Zone..**

Name of contractor and full address:

Reference to Agreement No. EE/PD/DZ/WO/ /2016-17, Dated:

Certified that the measurements were taken by me on 28/6/17 ……and recorded in pages 66316/1 to 66841/2

Measurements Book No 669/16-17 And that the work is satisfaction executed.

Officer-in-charge of work.

Contractor.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurements were taken by me on 28/06/17 ……and found correct. The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of payment **Work Code No.** _____ Sub-Division Officer

		AMOUNT	
1	Total value of work done or Supplies made as per account.		
2	Deduct amount to be held in reserve being ……..percent Rs…….		
3	Deduct amount to be held in reserve being balance		
4	Deduct payments:		
	a) Amount of previous payment as in the office cash book voucher No…….....Dated……S.D.No…….. Amount adjusted towards cash advance recovery of		
	b) Payment cost store or other materials supplied.		
5	Balance being unpaid value of work done held in reserve **Total**……..		
6	Deduct cash advance made on the office cash book vehicle No……. Dated……less adjustments.		
7	Net amount due to or from contractor unadjusted items		
	Advance to contractor for materials brought to site (as detailed)		
8	Within value of Government materials supplied.		
	Total amount adjusted:		

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

---------- Contractor signature.

Received Rs……(In words)……

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

……

By cash and by adjustment of Payment as per memorandum. (for use in the office)

(In final settlement of all demand)

Witness:

1.

2.

Date:

Paid by me by cheque No……Dated……

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Cash Rs……dated……

Initials of officer making payment dated…….. Contractor Signature.

First/Part/Final

Executive Engineer.

Sl No	Description of Items	Unit
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods Complete as per specifications.	Cum
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications.	Cum
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5	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications.	Cum
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications.	Sqm
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications.	Tonne
8	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well Oompacted by vibrating, curing, for raft foundation column footing, main and secondary beams with all lead and lifts etc., Complete as per specifications.	Cum
9	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications.	Cum
10	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Complete as per specifications.	Rt

Previous Measurement			Present Measurement			Total Up-to-Date		Remarks
Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost	
			822.06	204.16	167831.77	822.06	167831.77	
			119.27	5236.92	624607.45	119.27	624607.45	
			704.29	5159.16	3633544.80	704.29	3633544.80	
			223.46	4905.36	1096151.75	223.46	1096151.75	
			40.03	5991.84	239853.36	40.03	239853.36	
			1064.49	306.72	326500.37	1064.49	326500.37	
			14.28	60021.00	857099.88	14.28	857099.88	
			176.93	6332.04	1120327.84	176.93	1120327.84	
			246.62	129.60	31961.95	246.62	31961.95	
			590.00	991.44	584949.60	590.00	584949.60	

11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy gua'ge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. Complete as per specifications.	Rmt
12	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer in charge of work including two coats of approved quality paint over one coat of shop paint Complete as per specifications.	Sqm
13	Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing Complete as per specifications.	Sqm
14	Providing and fixing RCC name board of size 1,35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work. Complete as per specifications.	Each
15	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications.	Sqm
16	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications.	Sqm
17	Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, Complete as per specifications.	Sqm
18	Providing and fabricating M S Grils os as per approved drawing & Complete as per specifications.	Sqm
19	G.I. Barbed Wire Fencing 1.8 Metre High:-Providing and fixing 1.8 metres high Gl barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M-15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be I strutted on both sides and end post on one side only and provided with I 12 horizontal lines and 2 diagonals interwoven with horizontal wires, I fixed with Gl staples, turn buckles etc complete as per clause 800.7 as I per specifications. (Excluding the cost of excavation for foundation and | foundation concrete) Complete as per specifications.	M

CERTIFICATE

1 Certified that Contractor has done the Work Satisfactorly.

2 Certified that Contractor has removed all debries from work spot.

3 There is no due from contractor side.

Ravi. N.K.
AE project

AEE/PSD/D2/SBR/03/ 2017-18.

			600.00	338.04	202824.00	600.00	202824.00	
			380.00	697.68	265118.40	380.00	265118.40	
			90.00	145.80	13122.00	90.00	13122.00	
			1.00	5184.00	5184.00	1.00	5184.00	
			256.00	743.04	190218.24	256.00	190218.24	
			737.02	184.68	136112.85	737.02	136112.85	
			737.02	8.64	6367.85	737.02	6367.85	
			690.00	12475.00	8607750.00	690.00	8607750.00	
			555.00	402.84	223576.20	555.00	223576.20	
				TOTAL Rs.	18333102.30		18333102.30	
				KRIDL Charges (8%)	1466648.18		1466648.18	
				GRAND TOTAL Rs.	19799750.49		19799750.49	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

First/Part/Final Original/Duplicate/Triplicate AEE/PSD/DZ/SBR/03/2017-18 dt 28/6/17

CONTRACT CERTIFICATE

No…….. (For other words) Date: ……..

Division :DASARAHALLI DIVISION

Bill received No ……Dated……..... Sub division:…….. Book voucher No……..

Dated……..Scheduled Docket No……..... Head of Account……..

Name of work (as per Sanctioned Estimate) **Providing Fencing to Balance Portion of Mallasandra Quarry Sy No:33, in Ward No.13, Mallasandra, Project Sub Division, Dasarahalli Zone..**

Name of contractor and full address:

Reference to Agreement No. EE/PD/DZ/WO/ /2016-17, Dated:

Certified that the measurements were taken by me on 28/6/17 ……and recorded in pages 66316/1 to 66891/2

Measurements Book No 669/16-17 And that the work is satisfaction executed.

Contractor. Officer-in-charge of work.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurements were taken by me on 28/6/17 ……and found correct. The work is satisfactorily executed Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of payment **Work Code No.** _____ Sub-Division Officer

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

		AMOUNT	
1	Total value of work done or Supplies made as per account.		
2	Deduct amount to be held in reserve being ……..percent Rs…….		
3	Deduct amount to be held in reserve being balance		
4	Deduct payments:		
	a) Amount of previous payment as in the office cash book voucher No…….....Dated……..……S.D.No……..…… Amount adjusted towards cash advance recovery of		
	b) Payment cost store or other materials supplied.		
5	Balance being unpaid value of work done held in reserve **Total**……..		
6	Deduct cash advance made on the office cash book vehicle No…….. Dated……..less adjustments.		
7	Net amount due to or from contractor Unadjusted items		
8	Advance to contractor for materials brought to site (as detailed) Within value of Government materials supplied.		
	Total amount adjusted:		

…… Contractor signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010.

Received Rs……(In words)……

By cash and by adjustment of Payment as per memorandum. (for use in the office)
(In final settlement of all demand)

Witness:
1.

2.

Date:
Paid by me by cheque No……Dated……
Cash Rs……dated……
Initials of officer making payment dated……
First/Part/Final

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(Contractor Signature)

Executive Engineer.

Sl. No	Description of Items	Unit
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6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications.	Sqm
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications.	Tonne
8	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well Oompacted by vibrating, curing, for raft foundation column footing, main and secondary beams with all lead and lifts etc., Complete as per specifications.	Cum
9	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications.	Cum
10	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Complete as per specifications.	Rmt

Previous Measurement			Present Measurement			Total Up-to-Date		Remarks
Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost	
			822.06	204.16	167831.77	822.06	167831.77	
			119.27	5236.92	624607.45	119.27	624607.45	
			704.29	5159.16	3633544.80	704.29	3633544.80	
			223.46	4905.36	1096151.75	223.46	1096151.75	
			40.03	5991.84	239853.36	40.03	239853.36	
			1064.49	306.72	326500.37	1064.49	326500.37	
			14.28	60021.00	857099.88	14.28	857099.88	
			176.93	6332.04	1120327.84	176.93	1120327.84	
			246.62	129.60	31961.95	246.62	31961.95	
			590.00	991.44	584949.60	590.00	584949.60	

11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy gua'ge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. Complete as per specifications.	Rmt
12	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer in charge of work including two coats of approved quality paint over one coat of shop paint Complete as per specifications.	Sqm
13	Providing raised and cut pointing to coursed stone masonry with cement mortar 1:3, 20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing Complete as per specifications.	Sqm
14	Providing and fixing RCC name board of size 1,35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work. Complete as per specifications.	Each
15	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications.	Sqm
16	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications.	Sqm
17	Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, Complete as per specifications.	Sqm
18	Providing and fabricating M S Grils os as per approved drawing & Complete as per specifications.	Sqm
19	G.I. Barbed Wire Fencing 1.8 Metre High:-Providing and fixing 1.8 metres high Gl barbed wire fencing with 2.4 m angle iron posts 50 mm x 50 mm x 6 mm placed every 3 metres center to center founded in M-15 grade cement concrete, 0.6 metre below ground level, every 15th post, last but one end post and corner post shall be I strutted on both sides and end post on one side only and provided with I 12 horizontal lines and 2 diagonals interwoven with horizontal wires, I fixed with Gl staples, turn buckles etc complete as per clause 800.7 as I per specifications. (Excluding the cost of excavation for foundation and | foundation concrete) Complete as per specifications.	M

CERTIFICATE

1 Certified that Contractor has done the Work Satisfactorly.

2 Certified that Contractor has removed all debries from work spot.

3 There is no due from contractor side.

Ravi.N.C.
AE project.

AEE/DSD/D2/SBR/03/2017-18

			600.00	338.04	202824.00	600.00	202824.00	
			380.00	697.68	265118.40	380.00	265118.40	
			90.00	145.80	13122.00	90.00	13122.00	
			1.00	5184.00	5184.00	1.00	5184.00	
			256.00	743.04	190218.24	256.00	190218.24	
			737.02	184.68	136112.85	737.02	136112.85	
			737.02	8.64	6367.85	737.02	6367.85	
			690.00	12475.00	8607750.00	690.00	8607750.00	
			555.00	402.84	223576.20	555.00	223576.20	
				TOTAL Rs.	18333102.30		18333102.30	
				KRIDL Charges (8%)	1466648.18		1466648.18	
				GRAND TOTAL Rs.	19799750.49		19799750.49	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Brihat Bengaluru Mahanagara Palike